



EnZtek Diagnostics Incorporated

*Testing with Unique Enzymatic Diagnostic Systems
For Rapid Detection of Bacteria and Other Infectious Diseases*

Catalog

EnZtek Diagnostics Incorporated is a manufacturer of rapid diagnostic products for early detection of bacteria.

EnZtek's tests offer STAT results – often within minutes of sample collection!

Pre-Screening is accomplished for the Primary Target, Bacteria on-site, no need to send samples off site and wait (too long) for results.

EnZtek Tests are ideal for effective Microbial Surveillance



A Different Approach



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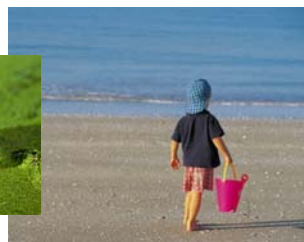
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EnZquik Fluorescent Assays for:

Liquid Sample
(water/beverages)

Many water, beverage or fluid related industries, including recreational water areas, require **24+ hours** for results regarding bacterial contamination. By using **EnZtek's** fluorescent assays, results can be available **within minutes** if 1,000 cfu or more is present. With the addition of a **small incubation period of only 5 hours**, levels less than 1,000 cfu, down to **less than 10 cfu, can be detected**. Having an answer regarding bacterial contamination quickly is essential to prevent the spread of illness.



Kits consist of 50 tests

Product Name	Cat. #	Fluorometer
EnZquik Fluorescent assay for <u>E.Coli</u> (liquid)	EZ-1012L	Low (360)
EnZquik Fluorescent assay for <u>Enterococcus</u> (liquid)	EZ-1013L	Low (360)
EnZquik Fluorescent assay for <u>Fecal Coliforms</u> (liquid)	EZ-1014L	High (490)
EnZquik Fluorescent assay for <u>Gram Negative Aerobic Bacteria</u> (liquid)	EZ-1017L	Low (360)
EnZquik Fluorescent assay for <u>Salmonella</u> (liquid)	EZ-1032L	Low (360)
EnZquik Fluorescent assay for <u>Staphylococcus aureus</u> (liquid)	EZ-1033L	Low (360)
EnZquik Fluorescent assay for <u>Total Aerobic Organisms Bacteria</u> (liquid)	EZ-1040L	Low (360)
EnZquik Fluorescent assay for <u>Total Coliforms</u> (liquid)	EZ-1041L	High (490)



EnZquik Fluorescent Assays for:

Product Sample
food cosmetics

The food industry is **vulnerable** by relying on traditional testing which requires long enrichment and incubation phases to grow the number of bacteria in the sample in order to detect the bacteria cells by traditional culture methods or to be able to replicate the DNA for PCR tests. This **vulnerability** is seen by the almost daily postings of recalls found on the FDA recall listings.

However, EnZtek uses a **forensic approach**. The presence of bacteria is quickly found by the **evidence** of the bacteria enzyme detected by the EnZtek tests.

By using the EnZtek handheld fluorometer and fluorescent assays, even low levels of bacteria detection can be obtained in **less than one work shift**.



From Farm to Fork.....

And everywhere in between, there is the potential of bacterial contamination occurring



Kits consist of 50 tests

Product Name	Cat. #	Fluorometer
EnZquik Fluorescent assay for <u>E.Coli</u> (product)	EZ-1012P	Low (360)
EnZquik Fluorescent assay for <u>Enterococcus</u> (product)	EZ-1013P	Low (360)
EnZquik Fluorescent assay for <u>Fecal Coliforms</u> (product)	EZ-1014P	High (490)
EnZquik Fluorescent assay for <u>Gram Negative Aerobic Bacteria</u> (product)	EZ-1017P	Low (360)
EnZquik Fluorescent assay for <u>Salmonella</u> (product)	EZ-1032P	Low (360)
EnZquik Fluorescent assay for <u>Staphylococcus aureus</u> (product)	EZ-1033P	Low (360)
EnZquik Fluorescent assay for <u>Total Aerobic Organisms Bacteria</u> (product)	EZ-1040P	Low (360)
EnZquik Fluorescent assay for <u>Total Coliforms</u> (product)	EZ-1041P	High (490)



EnZquik Fluorescent Assays for:

Swab Sample
(sanitation monitoring & infection control)



EnZtek's assays are able to detect the presence of biofilm.



The EnZtek tests **detect bacteria and not ATP**, therefore the EnZtek tests can even be used to detect the presence of bacteria on the surface of some food items.

EnZtek is proud to offer it's test for **MRSA** Methicilin Resistant Staphylococcus aureus. MRSA is a serious problem, and is not just a serious hospital acquired infection, but can also be found in locker rooms, schools and nursing homes.

Kits consist of 50 tests

Product Name	Cat. #	Fluorometer
EnZquik Fluorescent assay for <u>E.Coli</u> (swab)	EZ-1012S	Low (360)
EnZquik Fluorescent assay for <u>Enterococcus</u> (swab)	EZ-1013S	Low (360)
EnZquik Fluorescent assay for <u>Fecal Coliforms</u> (swab)	EZ-1014S	High (490)
EnZquik Fluorescent assay for <u>Gram Negative Aerobic Bacteria</u> (swab)	EZ-1017S	Low (360)
EnZquik Fluorescent assay for <u>Salmonella</u> (swab)	EZ-1032S	Low (360)
EnZquik Fluorescent assay for <u>Staphylococcus aureus</u> (swab)	EZ-1033S	Low (360)
EnZquik Fluorescent assay for <u>Total Aerobic Organisms Bacteria</u> (swab)	EZ-1040S	Low (360)
EnZquik Fluorescent assay for <u>MRSA</u> (Methicilin Resistant Staphylococcus aureus) (swab)	EZ-1026S	High (490)
EnZquik Fluorescent assay for <u>Total Coliforms</u> (swab)	EZ-1041S	High (490)

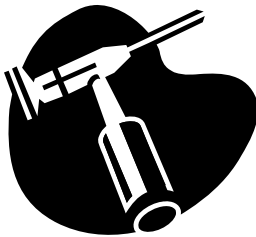


EnZquik Fluorescent Assays for:

Endoscope or other samples from flushing or washing

The EnZquik Fluorescent assays (ES) are designed to be used to check the flushing or washing of endoscopes or other devices for the presence of bacteria.

The EnZquik Fluorescent assays (ES) can be used to check any rinse water. The steps are easy, no incubation is required and the results are obtained in minutes.



<i>Kits consist of 50 tests</i>		
Product Name	Cat. #	Fluorometer
EnZquik Fluorescent assay for <u>Gram Negative Aerobic Bacteria</u> (endoscope or other flushing/washing)	EZ-1017ES	Low (360)
EnZquik Fluorescent assay for <u>Total Aerobic Organisms Bacteria</u> (endoscope or other flushing/washing)	EZ-1040ES	Low (360)



EnZquik Fluorescent Assays for:

Dairy
mastitis
screening

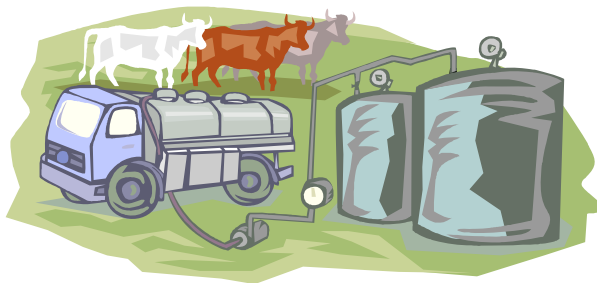


When checking for Mastitis, a Somatic Cell Count test may be performed at Cow Side. Somatic Cell Count test does not detect bacteria. However, treatment will be needed if bacteria is present. Therefore, using the **EnZquik Fluorescent tests** which are positive for bacteria, will provide this important information at Cow Side and allow for **immediate treatment!**

Kits consist of 50 tests

Product Name	Cat. #	Fluorometer
EnZquik Fluorescent assay for <u>E.coli</u> (dairy milk – screen for Mastitis)	EZ-1012DM	Low (360)
EnZquik Fluorescent assay for <u>Gram Negative Aerobic Bacteria</u> (dairy milk – screen for Mastitis)	EZ-1017DM	Low (360)
EnZquik Fluorescent assay for <u>Salmonella</u> (dairy milk – screen for Mastitis)	EZ-1032DM	Low (360)
EnZquik Fluorescent assay for <u>Total Aerobic Organisms Bacteria</u> (dairy milk – screen for Mastitis)	EZ-1040DM	Low (360)
EnZquik Fluorescent assay for <u>Staphylococcus aureus</u> (dairy milk – screen for Mastitis)	EZ-1033DM	Low (360)
EnZquik Fluorescent assay for <u>Total Coliforms</u> (dairy milk – screen for Mastitis)	EZ-1041DM	High (490)

Only use fresh milk samples, not pasteurized milk or spiked milk samples.





Handheld Fluorometers to use with *EnZquik Fluorescent Assays:*

Product Name	Cat #
EnZquik Fluorometer-Low wave length (360)	EZ08L
EnZquik Fluorometer-High wave length (490)	EZ08H
EnZquik Fluorometer-Dual wave length (360 & 490)	EZ13HL



Low wavelength 360

Cat# EZ08L



High wavelength 490

Cat# EZ08H

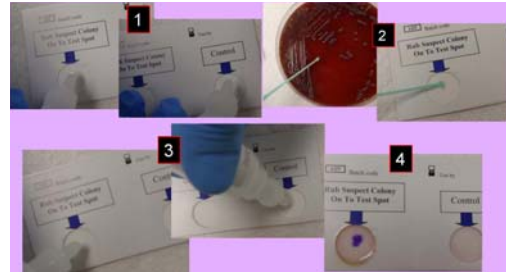


Dual wavelength 490/360

Cat# EZ13HL

EnZquik Confirmation Test Cards

Early Confirmation from a First Growth Plate



Kits consist of 25 tests

Product Name	Test For	Other Prod Info	Catalog Number
EnZquik Confirmation Card	Candida albicans		011-828
EnZquik Confirmation Card	E.coli		011-824
EnZquik Confirmation Card	E.coli & Total Coliforms		011-829
EnZquik Confirmation Card	Enterococcus	FDA 510k	011-822
EnZquik Confirmation Card	Fecal Coliforms		011-832
EnZquik Confirmation Card	Gram+/Gram-Differentiation	FDA 510k	011-830
EnZquik Confirmation Card	Group A Streptococcus	FDA 510k	011-825
EnZquik Confirmation Card	MRSA (Methicilin resistant Staphylococcus)		011-837
EnZquik Confirmation Card	Neisseria gonorrhoea		011-821
EnZquik Confirmation Card	Salmonella		011-831
EnZquik Confirmation Card	Staphylococcus aureus		011-833
EnZquik Confirmation Card	Total Coliforms		011-826



Surface Testing
(sanitation monitoring & infection control)



Environmental Pre-Screening Tests for Bacteria

Detect Bacteria on any work surface or surface of a food in 20 minutes from sample collection!



← **Easy Color Result**

EnZtek Tests are ideal for effective Microbial Surveillance

ATP tests are often used to check surfaces. However, **ATP** detects the presence of all **organic matter** and not just bacteria. **EnZtek tests** will detect only the presence of **bacteria**.

Don't waste time & money on ATP or Laboratory results. Pre-Screen directly for Bacteria with the EnZtek tests

Kits consist of 50 tests

Product Name	Test For	Cat. #
EnZquik Colormetric	Gram Negative Aerobic Bacteria - II	EZ-3301CGN - II
EnZquik Colormetric	Total Aerobic Organism Bacteria - II	EZ-3302CTO - II

Kit Information:

All kits contain swabs which are pretreated with the reactive reagents and are individually wrapped.

Step 1 – add wetting solution to swab, Step 2 – rub swab on surface to be tested (continue with other swabs on other areas if desired) – wait 20 minutes following last swab collected, Step 3 – add color developer to swab and look for color result.